17414 U.S.PTO 100203

PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	EI-7590
First Inventor	Gregory H. Guinther et al.
Title	METHOD OF ENHANCING THE OPERATION OF DIESEL FUEL COMBUSTION SYSTEMS
Express Mail Label No.	ER347826976US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: **Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450**

16834 U.S.PTO 10/677787 100203

1. ☑ Fee Transmittal Form (e.g., PTO/SB/17) *TRANSMITTAL, w/certif. of mailing and fee calculation *(Submit an original and a duplicate for fee processing)*
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☑ Specification [*Total Pages* 21]
   (preferred arrangement set forth below)
   - Descriptive title of the invention
   - Cross Reference to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table, or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure
4. ☐ Drawing(s) (*35 U.S.C. 113*) [*Total Sheets* _____]
5. Oath or Declaration [*Total Sheets* _____]
   a. ☐ Newly executed (original or copy)
   b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional with Box 18 completed)*
      i. ☐ DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
   a. ☐ Computer Readable Form (CRF)
   b. Specification Sequence Listing on:
      i. ☐ CD-ROM or CD-R (2 copies); or
      ii. ☐ Paper
   c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)* ☐ Power of Attorney
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☑ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☑ Other: Utility Patent Applic. Trans., PTO/SB/05 ..... Express Mail Certificate Under 37 CFR 1.10 ....

18. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:*

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: .....

Prior application information: *Examiner* _____ *Art Unit:* _____

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☑ Customer Number: 34769 *OR* ☐ Correspondence address below

Name					
Address					
City		*State*		*Zip Code*	
Country		*Telephone*		*Fax*	

Name (Print/Type)	Dennis H. Rainear	*Registration No. (Attorney/Agent)*	32,486
Signature	Dennis H. Rainear	*Date*	October 2, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TRANSMITTAL

In Re Application of: Gregory H. Guinther et al.)
)
Serial Number: Not yet assigned)
)
Filed: October 2, 2003)
)
For: **METHOD OF ENHANCING THE OPERATION OF DIESEL FUEL COMBUSTION SYSTEMS ADDITIVE COMPOSITIONS**)

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **Express Mail** (Express Mail Label No. **ER347826976US**) on October 2, 2003, with sufficient postage in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Beth Earnest

Beth Earnest

Mail Stop Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an application for U.S. Patent, including the following:

Express Mail Certificate Under 37 CFR 1.10
Utility Patent Application Transmittal, PTO/SB/05
Application for Patent (21 pages, 17 claims)
Return Postcard

The claim fee has been calculated as shown below:

					Other than a Small Entity	
	Claims		Highest Number Previously Paid for	Extra Claims Present	Rate	Additional Claim Fee
TOTAL	17		20		X 18=	$
INDEPENDENT	2		3		X 84=	$
Yes __ No _X_	First Presentation of Multi-Dep. Claim				+ 280=	
					TOTAL	$

[X] Please charge my Deposit Account No. 05-1372 in the amount of $750.00 for the basic filing fee – utility. A duplicate copy of this sheet is attached.

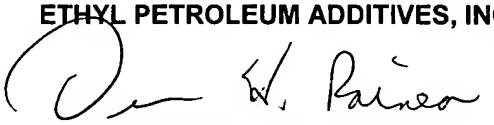
[X] The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1372. A duplicate copy of this sheet is attached.

[X] Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.

[X] Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

ETHYL PETROLEUM ADDITIVES, INC.



Dennis H. Rainear, Reg. No. 32,486

330 South Fourth Street
Richmond, VA 23219
Phone: 804-788-5498
Facsimile: 804-788-5519

Date: October 2, 2003

PATENTS
ATTORNEY DOCKET No.: EI-7590

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Gregory H. Guinther et al.)
)
Application No.: UNASSIGNED)
)
Filed: October 2, 2003)
)
For: METHOD OF ENHANCING THE)
OPERATION OF DIESEL FUEL)
COMBUSTION SYSTEMS)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

CERTIFICATE UNDER 37 CFR 1.10 - EXPRESS MAIL

I hereby certify that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **EXPRESS MAIL** in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 2, 2003. The number of the "Express Mail" mailing label placed thereon prior to mailing is **ER347826976US**.

Said patent application consists of the following:

1. Specification, Claims and Abstract (21 pages, 17 claims);
2. Transmittal, with fee calculation and Certificate of Mailing; and
3. Utility Patent Application Transmittal (PTO/SB/05).

Return postcard attached hereto but not stapled.

Beth Earnest
Date: October 2, 2003

Telephone: (804) 788-6129
EXPRESS MAIL NO.: ER347826976US